

PATENT

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Inventor: Jon Claude Russell Bennett)	Confirmation No.: 3771
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)	Customer No.: 000043471
U.S. Serial No.: 10/648,866)	
)	Art Unit: 2616
Filed: August 25, 2003)	
)	Examiner: C. Han
)	
Title: METHOD FOR USING DIFFERENT PACKET TYPE AND PORT OPTIONS VALUES IN AN IP MEASUREMENT PROTOCOL PACKET FROM THOSE USED TO PROCESS THE PACKET		

AMENDMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir,

In response to the Office action mailed on April 5, 2007, a request for a one month extension of time up to August 5, 2007 being submitted herewith, please amend the above application as follows:

Amendment To The Claims:

1. (Currently amended) A method for performing a measurement in a network comprising:

creating an Internet Protocol Measurement Protocol (IPMP) packet by a measurement host;

including in the IPMP packet instructions for a recipient of the IPMP packet, said instructions including an instruction to a recipient to process the IPMP packet in accordance with an actual packet type and an actual port number included in a first and second predetermined location, respectively, rather than a faux packet type and a faux port number that are included in an [[the]] actual packet type field and an actual port number field [[fields]], respectively.

2. (Original) The method according to claim 1, further comprising: inserting in a packet type field in the IPMP packet an identification indicating the IPMP packet is a faux packet type.

3. (Original) The method according to claim 1, further comprising: inserting in a port number field in the IPMP packet a faux port number.

4. (Original) The method according to claim 1, further comprising: inserting in a first predetermined field in the IPMP packet an actual packet type.

5. (Original) The method according to claim 1, further comprising:
inserting in a second predetermined field in the IPMP packet an actual port number.

6. (Original) The method according to claim 1, further comprising:
encapsulating the IPMP packet in an Internet Protocol (IP) datagram and a predetermined
link layer protocol.

7. (Original) The method according to claim 6, further comprising
sending the IPMP packet into the network from the measurement host.

8. (Currently amended) An apparatus for performing a measurement in a
network comprising:

a processor disposed in a measurement host; and

a memory coupled to the processor and storing computer readable instructions
causing the processor to:

create an Internet Protocol Measurement Protocol (IPMP) packet;

include in the IPMP packet instructions for a recipient of the IPMP packet,
said instructions including an instruction to a recipient to process the IPMP packet
in accordance with an actual packet type and an actual port number included in a
first and second predetermined location, respectively, rather than a faux packet
type and a faux port number that are included in an [[the]] actual packet type field
and an actual port number field [[fields]], respectively.

9. (Original) The apparatus according to claim 8, wherein said computer readable instructions further cause said processor to insert in a packet type field in the IPMP packet an identification indicating the IPMP packet is a faux packet type.

10. (Original) The apparatus according to claim 8, wherein said computer readable instructions further cause said processor to insert in a port number field in the IPMP packet a faux port number.

11. (Original) The apparatus according to claim 8, wherein said computer readable instructions further cause said processor to insert in a first predetermined field in the IPMP packet an actual packet type.

12. (Original) The apparatus according to claim 8, wherein said computer readable instructions further cause said processor to insert in a second predetermined field in the IPMP packet an actual port number.

13. (Original) The method according to claim 8, wherein said computer readable instructions further cause said processor to encapsulating the IPMP packet in an Internet Protocol (IP) datagram and a predetermined link layer protocol.

14. (Original) The method according to claim 13, wherein said computer readable instructions further cause said processor to send the IPMP packet into the network from the measurement host.

15. (Currently amended) A computer readable media having encoded thereon computer readable instructions causing a processor to:

create an Internet Protocol Measurement Protocol (IPMP) packet;

include in the IPMP packet instructions for a recipient of the IPMP packet, said instructions including an instruction to a recipient to process the IPMP packet in accordance with an actual packet type and an actual port number included in a first and second predetermined location, respectively, rather than a faux packet type and a faux port number that are included in an [[the]] actual packet type field and an actual port number field [[fields]], respectively.

16. (Original) The computer readable media according to claim 15, wherein said computer readable instructions further cause said processor to insert in a packet type field in the IPMP packet an identification indicating the IPMP packet is a faux packet type.

17. (Original) The computer readable media according to claim 15, wherein said computer readable instructions further cause said processor to insert in a port number field in the IPMP packet a faux port number.

18. (Original) The computer readable media according to claim 15, wherein said computer readable instructions further cause said processor to insert in a first predetermined field in the IPMP packet an actual packet type.

19. (Original) The computer readable media according to claim 15, wherein said computer readable instructions further cause said processor to insert in a second predetermined field in the IPMP packet an actual port number.

20. (Original) The computer readable media according to claim 15, wherein said computer readable instructions further cause said processor to encapsulating the IPMP packet in an Internet Protocol (IP) datagram and a predetermined link layer protocol.

21. (Original) The computer readable media according to claim 20, wherein said computer readable instructions further cause said processor to send the IPMP packet into the network from the measurement host.

Remarks

Applicant thanks the Examiner and his supervisor for the courtesy extended to Applicant's representative, Larry T. Cullen during an interview on July 12, 2007.

During the interview, Applicant discussed claim amendments with the Examiner to overcome the rejection under 35 U.S.C. § 112, ¶2. The discussed amendments are substantially as presented above. It is Applicant's understanding that the claims with the above amendments are in condition for allowance.

Having fully responded to the Office action, the application is believed to be in condition for allowance. Should any issues arise that prevent early allowance of the above application, the examiner is invited to contact the undersigned to resolve such issues.

To the extent an extension of time is needed for consideration of this response, Applicant hereby request such extension and, the Commissioner is hereby authorized to charge deposit account number 502117 for any fees associated therewith.

Respectfully submitted,

By: /Larry T. Cullen/
Larry T. Cullen
Reg. No.: 44,489

Motorola Connected Home Solutions
101 Tournament Drive
Horsham, PA 19044
(215) 323-1797